

CLAIM AMENDMENTS

1 1. (Original) A pharmaceutical formulation, administered
2 orally after dispersing in water at therapeutic doses which
3 comprises of,

4 a. alendronate microparticles coated with a polymer
5 insoluble at pH 6 - 7.5, and alginic acid or sodium alginate or
6 admixtures there of, where

7 b. alendronate dissolves in 900 ml 0.1 N HCl at the rate
8 of not less than 85% of within 30 minutes at the range of pH 1 - 4,

9 c. the dispersion in a glass of 250 ml. water at the
10 degree of 25°C contains no dissolved alendronate at pH 6 - 7.5 or
11 at the most 10% w/v of alendronate dissolved in 3 minutes.

1 2. (original) The pharmaceutical formulation as claimed
2 in claim 1, comprises lubricants, diluents, flavors and sweeteners
3 or their mixture thereof.

1 3. (original) The pharmaceutical formulation as claimed
2 in claim 2, where in the diluent is preferably selected from
3 lactose and microcrystalline cellulose or admixtures thereof.

1 4. (Currently amended) The pharmaceutical formulation as
2 claimed in claim 2, where in the sweetener is selected from
3 aspartame, potassium acesulfame, monoammonium glycyrrhizinate,
4 sodium saccharine, sucrose and its derivatives, ~~polioles~~ polyols
5 and their derivatives, are preferably used alone or in combination.

1 5. (original) The pharmaceutical formulation as claimed
2 in claim 1, where in the polymers are selected from, preferably
3 polymethacrylates, polyvinyl acetate diethylaminoacetate and poly
4 butyl methacrylate / 2-dimethylamino-ethyl methacrylate/methyl
5 methacrylate copolymers or their mixtures thereof.

1 6. (original) The pharmaceutical formulation as claimed
2 in claim 1, where in the polymers are, Poly(butyl methacrylate, (2-
3 dimethyl aminoethyl) methacrylate, methyl methacrylate) 1:2:1 is
4 preferred.

1 7. (original) The pharmaceutical formulation as claimed
2 in claim 1, which is dispersed in a glass of 250 ml water at the
3 degree of 25°C at pH 6 - 7.5, contains alendronate in between
4 0.001% w/v - 3% w/v.

1 8. (original) The pharmaceutical formation as claimed in
2 claim 1 where in the alendronate is alendronate monosodium
3 trihydrate or pharmaceutically acceptable derivatives.

1 9. (original) The pharmaceutical formulation as claimed
2 in claim 1, which is dispersed in a glass of 250 ml. water at the
3 degree of 25°C at pH 6 - 7.5, contains alginic acid or sodium
4 alginate or their mixtures in between 0.001% w/v - 2% w/v.

1 10. (New) A pharmaceutical formulation, which is orally
2 administered after dispersing in water, which comprises:
3 alendronate microparticles coated with a polymer insoluble at pH 6
4 to 7.5, wherein the polymer comprises polybutyl methacrylate,
5 (2-dimethylaminoethyl)methacrylate and methyl methacrylate in a
6 1:2:1 ratio; alginic acid or sodium alginate or admixtures thereof;
7 sucrose and sodium saccharine as sweeteners; microcrystalline
8 cellulose as diluent; and colloidal silica as a lubricant, wherein
9 the alendronate dissolves in 900 ml of 0.1N HCl at a rate of not
10 less than 85% within 30 minutes at a pH of 1 to 4, and wherein the
11 resulting dispersion in water at 25°C contains either no dissolved
12 alendronate at a pH of 6 to 7.5, or at most 10% w/of dissolved
13 alendronate after 3 minutes.